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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number 09/714,713
Filing Date November 16, 2000
First Named Inventor Thomas J. QUIGLEY
Art Unit 2665-2611
Examiner Name Chi Ho A. Lee
Attorney Docket Number 1875.132000H

FAX RECEIVED

FEB 02 2006


OFFICE OF PETITIONS

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number Number-Kind Code‡ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/	US1	3,839,678	10-01-1974	Bell	
	US2	5,206,864	04-27-1993	McConnell	
	US3	5,276,706	01-04-1994	Critchlow	
	US4	5,491,725	02-13-1996	White	
	US5	5,533,004	07-02-1996	Jasper et al.	
	US6	5,553,064	09-03-1996	Paff et al.	
	US7	5,572,511	11-05-1996	Ouyang et al.	
	US8	5,600,651	02-04-1997	Molle	
	US9	5,612,975	03-18-1997	Becker et al.	
	US10	5,666,358	09-09-1997	Paratore et al.	
	US11	5,703,539	12-30-1997	Gillig et al.	
	US12	5,859,671	01-12-1999	Kim	
	US13	5,903,231	05-11-1999	Emelko	
	US14	5,909,564	06-01-1999	Alexander et al.	
	US15	5,963,557	10-05-1999	Eng	
	US16	5,995,916	11-30-1999	Nixon et al.	
	US17	6,011,970	01-04-2000	McCarthy	
	US18	6,028,860	02-22-2000	Laubach et al.	
	US19	6,208,656 B1	03-27-2001	Hrastar et al.	
/	US20	6,246,713 B1	06-12-2001	Mattisson	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document Country Code‡ Number‡ Kind Code‡ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
	FP1					
	FP2					
	FP3					
	FP4					
	FP5					
	FP6					
	FP7					
	FP8					
	FP9					

Examiner Signature		Date Considered	2/1/06
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. †Applicant's unique citation designation number (optional). ‡ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. † Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). † For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. † Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. † Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO				Complete if Known		FAX RECEIVED
				Application Number	09/714,713	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	November 16, 2000	FEB 02 2006
				First Named Inventor	Thomas J. QUIGLEY	
				Art Unit	2663-2616	
				Examiner Name	Chi Ho A. Lee	
				Attorney Docket Number	1875.132000H	
Sheet	2	of	2	OFFICE OF PETITIONS		

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
✓	US21	6,438,174 B1	08-20-2002	Isaksson et al.	
	US22	6,480,477 B1	11-12-2002	Treadaway et al.	
	US23	6,650,624 B1	11-18-2003	Quigley et al.	
	US24	6,961,314 B1	11-01-2005	Quigley et al.	
	US25	6,965,616 B1	11-15-2005	Quigley et al.	
✓	US26	2001/0055319 A1	12-27-2001	Quigley et al.	
	US27				
	US28				
	US29				
	US30				
	US31				
	US32				
	US33				
	US34				
	US35				
	US36				
	US37				
	US38				
	US39				
	US40				

FOREIGN PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
	FP10				
	FP11				
	FP12				
	FP13				
	FP14				
	FP15				
	FP16				
	FP17				
	FP18				

Examiner Signature		Date Considered	2/2/06
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1875.132000H

APPLICATION NO.
09/714,713

FIRST NAMED INVENTOR
QUIGLEY et al.

FILING DATE
November 16, 2000

ART UNIT
2663

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>R</i>	AA1	5,943,804	08/1999	Chen et al.		
	AB1	6,005,854	12/1999	Xu et al.		
	AC1	6,032,019	02/2000	Chen et al.		
	AD1	6,108,713	08/2000	Sambamurthy et al.		
	AE1	6,137,793	10/2000	Gorman et al.		
	AF1	6,298,098	10/2001	Krasner et al.		
	AG1	6,353,804	03/2002	Grimwood et al.		
	AH1	6,647,089	11/2003	Segal et al.		
	AI1	6,647,070	11/2003	Shalvi et al.		
<i>R</i>	AJ1	6,650,698	11/2003	Liau et al.		
	AK1					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1					Yes No
	AM1					Yes No
	AN1					Yes No
	AO1					Yes No
	AP1					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>R</i>	AR	1	Declaration of Lisa V. Denney, dated March 22, 2004, (8 pages) with Exhibits 1-5.
<i>R</i>	AS	1	Declaration of Lisa V. Denney, dated August 14, 2002, (8 pages) with Exhibits 1-3.
<i>R</i>	AT	1	Franks, Lewis E., "Evaluation of the Effects of Notch Filters on Digital Data Transmission," IEEE Transactions on Communication Technology, pp. 447-449 (August 1970).

EXAMINER

DATE CONSIDERED

4/6/05

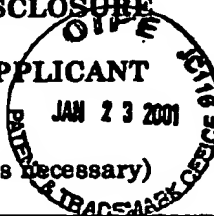
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FORM PTO-1449

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)



Attorney Docket Number	33839/LTR/B600
Application Number	09/714,713
Filing Date	November 16, 2000
Applicant(s)	Thomas J. Quigley, et al.
Group Art Unit	Not Assigned <i>8263</i>
Examiner Name	Not Assigned <i>Lee</i>

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>IL</i>	5,881,363	03/1999	Ghosh et al.	455	5.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	38839/LTR/600
Application Number	09/714,713
Filing Date	November 16, 2009
Applicant(s)	Thomas J. Quigley, et al.
Group Art Unit	Not Assigned 2663
Examiner Name	Not Assigned Lee

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE APPROPRIATE
✓	4,383,272	05/1983	Netravali et al.	358	136	JAN 28 2009
	4,520,490	05/1985	Wei	375	27	
	4,617,676	10/1986	Jayant et al.	375	27	
	4,941,154	07/1990	Wei	375	39	
	4,958,226	09/1990	Haskell et al.	358	136	
	5,115,453	05/1992	Calderbank et al.	375	39	
	5,227,878	07/1993	Puri et al.	358	136	
	5,339,384	08/1994	Chen	395	2.2	
	5,341,457	08/1994	Hall, II et al.	395	2.35	
	5,488,633	01/1996	Laroia	375	262	
	5,579,513	11/1996	Strohmer	395	559	
✓	5,627,938	05/1997	Johnston	395	2.39	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
✓	0 548 318	06/1993	European Patent Office				

OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
✓	

EXAMINER SIGNATURE	<i>Lee</i>	DATE CONSIDERED	4/27/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Attorney Docket Number	33839/LTR/B600
Application Number	To be assigned
Filing Date	Herewith
Applicant(s)	Thomas J. Quigley, et al.
Group Art Unit	To be assigned 2663
Examiner Name	To be assigned Lee

JE949 U.S. PTO
09/11/97
11/16/97

U.S. PATENT DOCUMENTS


EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
C	5,640,424	06/1997	Banavong et al.	375	316	
N	5,696,765	12/1997	Safadi	370	436	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
N	WO 97/16046	05/1997	WIPO				
N	WO 97/41691	11/1997	WIPO				
A	0 353 779	02/1990	European Patent Office				

OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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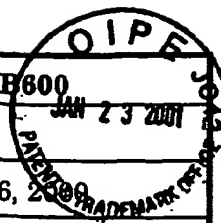
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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	33839/LTR/B600
Application Number	09/714,713
Filing Date	November 16, 2000
Applicant(s)	Thomas J. Quigley, et al.
Group Art Unit	Not Assigned 2663
Examiner Name	Not Assigned Lee



U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE APPROPRIATE
✓	4,383,272	05/1983	Netravali et al.	358	136	Technology Center 2600
	4,520,490	05/1985	Wei	375	27	
	4,617,676	10/1986	Jayant et al.	375	27	
	4,941,154	07/1990	Wei	375	39	
	4,958,226	09/1990	Haskell et al.	358	136	
	5,115,453	05/1992	Calderbank et al.	375	39	
	5,227,878	07/1993	Puri et al.	358	136	
	5,339,384	08/1994	Chen	395	2.2	
	5,341,457	08/1994	Hall, II et al.	395	2.35	
	5,488,633	01/1996	Laroia	375	262	
	5,579,513	11/1996	Strohmer	395	559	
✓	5,627,938	05/1997	Johnston	395	2.39	

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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✓	0 548 318	06/1993	European Patent Office				

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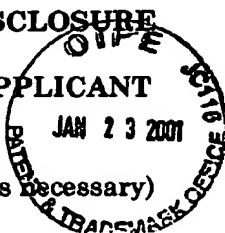
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)



Attorney Docket Number	33839/LTR/B600
Application Number	09/714,713
Filing Date	November 16, 2000
Applicant(s)	Thomas J. Quigley, et al.
Group Art Unit	Not Assigned <i>2263</i>
Examiner Name	Not Assigned <i>Lee</i>

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>L</i>	5,881,363	03/1999	Ghosh et al.	455	5.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS

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DATE
CONSIDERED
9/17/04

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	33539/LTR/B600
Application Number	09/430,821
Filing Date	October 29, 1999
Applicant(s)	Thomas J. Quigley, et al.
Group Art Unit	2743 2663
Examiner Name	Not Yet Assigned <i>Lee</i>

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	TECHNOLOGY CLASSIFICATION DATE IF APPROVED
<i>h</i>	4,928,272	05/1990	Ohue	370	50	
<i>h</i>	5,710,765	01/1998	Lee et al.	370	436	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>h</i>	0 748 120 A1	12/1996	European Patent Office				
<i>h</i>	0 768 769 A2	04/1997	European Patent Office				
<i>h</i>	10-243371	09/1998	Japan Patent Office			Abstract Only	
<i>h</i>	2 312 362 A	10/1997	United Kingdom				
<i>h</i>	WO 97/10553	03/1997	WIPO International				
<i>h</i>	WO 97/15129	04/1997	WIPO International				

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<i>h</i>	Thomas J. Kolze, "Upstream HFC Channel Modeling and Physical Layer Design", General Instruments Corporation, SPIE Vol. 2917, 11/1996, pp. 240-251
<i>h</i>	James E. Dail, et al., "Adaptive Digital Access Protocol: A MAC Protocol for Multiservice Broadband Access Networks", AT&T Bell Laboratories, 2460 IEEE Communications Magazine 34, 03/1996, pp. 104-112
<i>h</i>	Robert Wolters, et al. "An Initialisation for a Burst-mode Transport HFC System with Delay Determination by Power Distribution Measurement", Alcatel Telecom Research Division, SPIE Vol. 3233, 11/1997, pp. 353-360

EXAMINER SIGNATURE	<i>[Signature]</i>	DATE CONSIDERED	7/17/04
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